



16085 U.S. PTO

033004

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42P18674  
(maximum 12 characters)

First Named Inventor Zimmer et al.

Title: EFFICIENTLY SUPPORTING INTERRUPTS

Express Mail Label No. EV320120178US

ADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.   X   **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original and a duplicate for fee processing)
2.        Applicant Claims Small Entity Status. (37 CFR 1.27)
3.   X   **Specification (Total Pages 27)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.   X   **Drawings(s) (35 USC 113) (Total Sheets 9)**
5.   X   **Oath or Declaration (Total Pages 4)**
  - a.   X   **Newly Executed (Original or Copy)**
  - b.        Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.        DELETIONS OF INVENTOR(S) Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
  - c.        Unsigned.
6.        Application Data Sheet. (37 CFR 1.76)
7.        CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.        Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.        Computer Readable Form (CRF)
  - b.        Specification Sequence Listing on:
    - i.        CD-ROM or CD-R (2 copies); or
    - ii.        paper
  - c.        Statements verifying identity of above copies

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10/816078



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ACCOMPANYING APPLICATION PARTS	
9.	<input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s))
10.	a. <input type="checkbox"/> Separate 37 CFR 3.73(b) Statement (where there is an assignee)
	b. <input checked="" type="checkbox"/> Power of Attorney
11.	<input type="checkbox"/> English Translation Document (if applicable)
12.	a. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)
	b. <input checked="" type="checkbox"/> Copies of IDS Citations
13.	<input type="checkbox"/> Preliminary Amendment
14.	<input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.	<input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	<input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). <u>Applicant must attach form PTO/SB/35 or its equivalent.</u>
17A.	<input type="checkbox"/> Claim for Foreign Priority
17B.	<input checked="" type="checkbox"/> Other: <u>separate sheet with title, express mail label number, copy of postcard, and attorney's signature</u>
17C. <input checked="" type="checkbox"/> Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76: <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <input type="checkbox"/> Continuation              Of Prior Application No.: _____              (which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____,              which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____)           </div> <div> <input type="checkbox"/> Divisional              Examiner _____              (List entire chain of priority)           </div> <div> <input type="checkbox"/> Continuation-in-part (CIP)              Group Art Unit _____           </div> </div>	
Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority. For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	
19. Correspondence Address Customer Number or Bar Code Label _____ or _____ (Insert Customer No. or Attach Bar Code Label here) <input checked="" type="checkbox"/> Correspondence Address Below NAME <u>Anthony H. Azure</u> <u>BLAKELY, SOKOLOFF, TAYLOR &amp; ZAFMAN LLP</u> ADDRESS <u>12400 Wilshire Boulevard</u> <u>Seventh Floor</u> CITY <u>Los Angeles</u> STATE <u>California</u> ZIP CODE <u>90025</u> Country <u>U.S.A.</u> TELEPHONE <u>(206) 292-8600</u> FAX <u>(206) 292-8606</u>	
Name (PRINT/TYPE) <u>Anthony H. Azure</u> Registration No.: <u>52,580</u> Signature: <u>[Signature]</u> Date: <u>Mar. 30, 2004</u>	

Our Reference: 42P18674

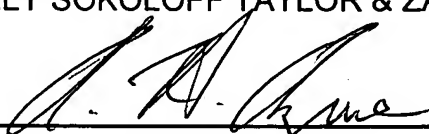
Patent

# EFFICIENTLY SUPPORTING INTERRUPTS

Inventors: Vincent J. Zimmer and Michael A. Rothman

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP



Anthony H. Azure  
Reg. No. 52,580

"Express Mail" mailing label number: EV320120178US

Date of Deposit: March 30, 2004

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Adrian Villarreal

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

March 30, 2004

(Date signed)

Serial/Patent No.: <u>New Patent Application</u> Filing/Issue Date: <u>Herewith</u>	
Client: <u>Intel Corporation</u>	
Title: <u>EFFICIENTLY SUPPORTING INTERRUPTS</u>	
BSTZ File No.: <u>42P18674</u>	Atty/Secty Initials: <u>AHA/av</u>
Date Mailed: <u>March 30, 2004</u>	Docket Due Date: _____
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:	
<input type="checkbox"/> Amendment/Response (____ pgs.)	<input checked="" type="checkbox"/> Express Mail No.: <u>EV320120178US</u> Check No. <u>3447</u>
<input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)	<input type="checkbox"/> _____ Month(s) Extension of Time Amt: <u>\$1040.00</u>
<input checked="" type="checkbox"/> Application - Utility ( <u>27</u> pgs., with cover and abstract)	<input checked="" type="checkbox"/> Information Disclosure Statement & PTO-1449 ( <u>3</u> pgs.) <input type="checkbox"/> Check No. _____
<input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)	<input type="checkbox"/> Issue Fee Transmittal Amt: _____
<input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.)	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)	<input type="checkbox"/> Petition for Extension of Time
<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)	<input type="checkbox"/> Petition for _____
<input type="checkbox"/> Application - Design (____ pgs.)	<input checked="" type="checkbox"/> Postcard
<input type="checkbox"/> Application - PCT (____ pgs.)	<input type="checkbox"/> Power of Attorney (____ pgs.)
<input type="checkbox"/> Application - Provisional (____ pgs.)	<input type="checkbox"/> Preliminary Amendment (____ pgs.)
<input checked="" type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Reply Brief (____ pgs.)
<input checked="" type="checkbox"/> Certificate of Mailing	<input type="checkbox"/> Response to Notice of Missing Parts
<input checked="" type="checkbox"/> Declaration & POA ( <u>4</u> pgs.)	<input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business
<input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____ pgs.)	<input checked="" type="checkbox"/> Transmittal Letter, in duplicate
<input checked="" type="checkbox"/> Drawings: <u>9</u> # of sheets includes <u>9</u> figures	<input checked="" type="checkbox"/> Fee Transmittal, in duplicate
<input checked="" type="checkbox"/> Other: <u>Certificate of Mailing with copy of return postcard signed by the attorney; Copies of two (2) cited references.</u>	

**Complete if Known:**

Application No. New Patent Application

Filing Date Herewith

**First Named Inventor** Zimmer et al.

Examiner Name Not yet assigned

Art Unit	Not yet assigned
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Attorney Docket No. 42P18674

**Applicant claims small entity status. See 37 CFR 1.27.**

<u>  X  </u>	Check	<u>      </u>	Credit Card	<u>      </u>	Money Order	<u>      </u>	Other	<u>      </u>	None
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X Deposit Account

**Deposit Account Number :** 02-2666

Deposit Account Name:

**X The Director is Authorized to do the following with respect to the above-identified Deposit Account:**

**Charge fee(s) indicated below.**

X Credit any overpayments.

<b>X</b>	<b>Charge any additional fees during the pendency of this application.</b>
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X Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

**Charge fee(s) indicated below except for the filing fee.**

## 1. BASIC FILING FEE

<u>Large Entity</u>		<u>Small Entity</u>			
<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>		
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>	<u>Fee Description</u>	<u>Fee Paid</u>
1001	770	2001	385	Utility application filing fee	770
1002	340	2002	170	Design application filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional application filing fee	

**SUBTOTAL (1) \$ 770**

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		<u>Extra Claims</u>		Fee from <u>below</u>		<u>Fee Paid</u>
Total Claims	<u>28</u>	- 20** =	<u>8</u>	X	<u>18</u>	= <u>144</u>
Independent Claims	<u>4</u>	- 3** =	<u>1</u>	X	<u>86</u>	= <u>86</u>
Multiple Dependent						=

**\*\*Or number previously paid, if greater; For Reissues, see below.**

<u>Large Entity</u>		<u>Small Entity</u>		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description</u>
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)    \$ 230**

### 3. ADDITIONAL FEES

**\*Reduced by Basic Filing Fee Paid**

**Typed or Printed Name:** Anthony H. Azure

**Reg. Number:** 52,580 **Telephone Number:** (206) 292-8600

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